```
┌─────────────────────────────────────────┐
│ EXAMINE REGISTRY TO DETERMINE WHICH      │──— 101
│ APPLICATIONS ARE INSTALLED               │
└─────────────────────────────────────────┘
                    │
                    ▼
┌─────────────────────────────────────────┐
│ CREATE HTML FILE LISTING APPLICATIONS AND│
│ LOCATIONS BY WRITING LAUNCHERFLAGS.INI   │── 102
│ TO LAUNCHERFLAGS.HTM                     │
└─────────────────────────────────────────┘
                    │
                    ▼
┌─────────────────────────────────────────┐
│ DISPLAY HTML FILE OR A PORTION THEREOF IN│
│ A WEB BROWSER WINDOW SO THAT USER CAN    │◄─┐
│ SELECT APPLICATION                       │  │
└─────────────────────────────────────────┘  │
                    │                         │
                    ▼                         │ No
                ╱       ╲                     │
          104 ╱           ╲                   │
            ╱  USER SELECTION? ╲──────────────┘
            ╲                 ╱
              ╲             ╱
                ╲       ╱
                    │
                    │ Yes
                    ▼
┌─────────────────────────────────────────┐
│ STOP NAVIGATION BASED ON HTML PATH (TO   │── 105
│ PREVENT DIALOG) DETERMINE APPLICATION    │
│ AND LOCATION                             │
└─────────────────────────────────────────┘
                    │
                    ▼
┌─────────────────────────────────────────┐
│ LAUNCH APPLICATION USING STANDARD CODE   │── 106
│ FOR STARTING ANOTHER PROCESS             │
└─────────────────────────────────────────┘
```

FIG. 1

```
<HTML>
<BODY>

    <div tkn=mode id=whatMode demoMode=""> </div>
    <div id=showText doWeShowText="true"> </div>

    <div id=installed>
    <span tkn=mentor id=mentor path=""></span>
    <span tkn=lvagent id=linkview path=""></span>
    <span tkn=core id=dominocore path=""></span>
    <span tkn=examine id=examine path=""></span>
    <span tkn=atm id=atmapp path=""></span>
    <span tkn=frping id=frping path=""></span>
    <span tkn=lvconsole id=console path=""></span>
    <span tkn=pcany id=pcanywhere path=""></span>
    <span tkn=wiz id=wizard path=""></span>
    <span tkn=frcir id=framerelay path=""></span>
    <span tkn=ipgen id=ipgen path=""></span>
    <span tkn=proconvert id=proconvert path=""></span>
    <span tkn=merge id=merge path=""></span>
    <span tkn=toolbox id=toolbox path=""></span>
    <span tkn=ipfltr id=atmipfilter path=""></span>
    <span tkn=dna323 id=dna323 path=""></span>
    </div>


    </BODY>
    </HTML>
```
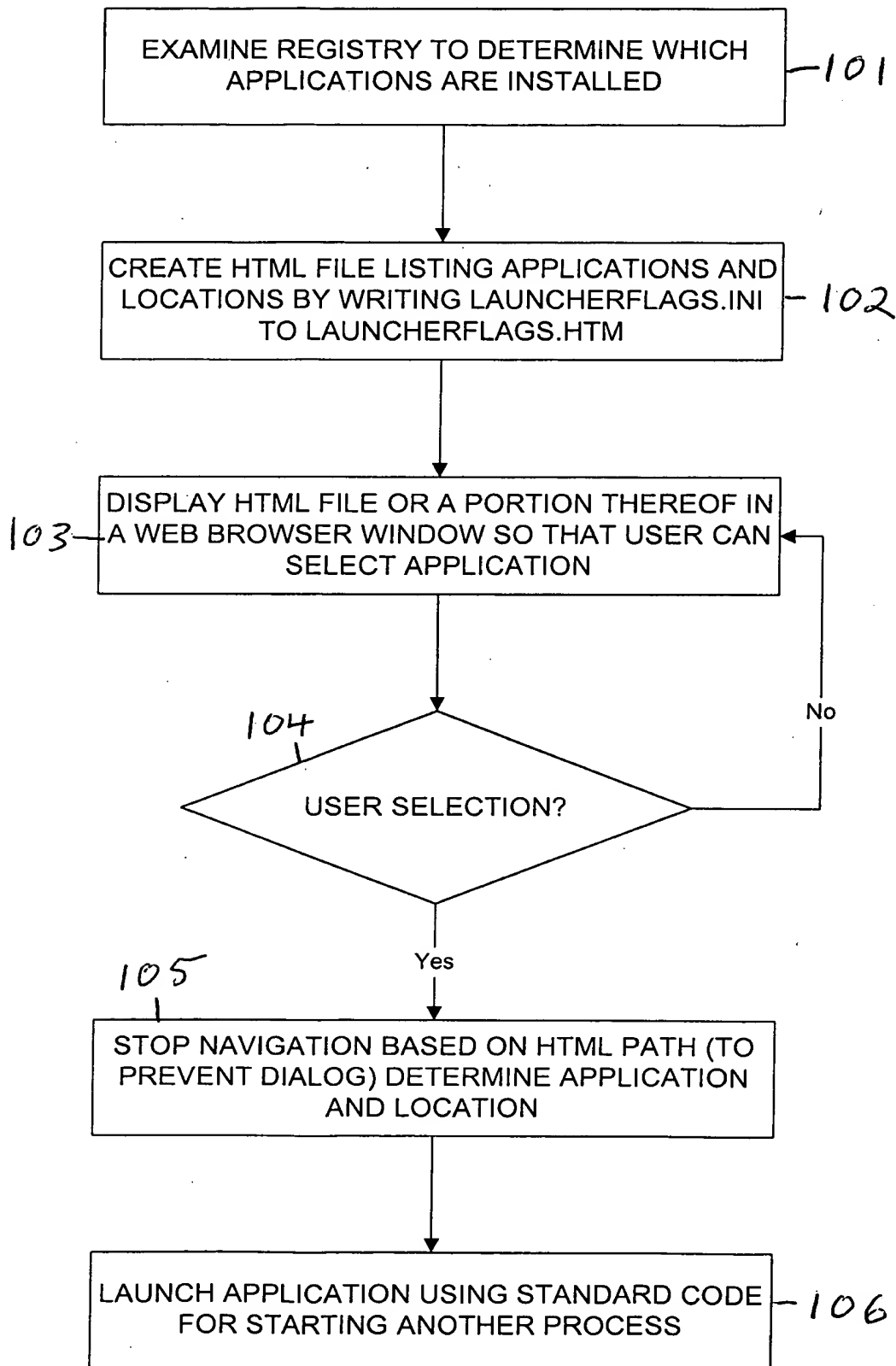
FIG. 2

```
<HTML>
<BODY>

<div tkn=mode id=whatMode demoMode=""> </div>
<div id=showText doWeShowText="true"> </div>

<div id=installed>
<span tkn=mentor id=mentor path="Mentor.tag"></span>
<span tkn=lvagent id=linkview path="LVAgent.tag"></span>
<span tkn=core id=dominocore path="Core.tag"></span>
<span tkn=examine id=examine path="Examine.tag"></span>
<span tkn=atm id=atmapp path=""></span>
<span tkn=frping id=frping path="FRPing.tag"></span>
<span tkn=lvconsole id=console path=""></span>
<span tkn=pcany id=pcanywhere path="PCAny.tag"></span>
<span tkn=wiz id=wizard path=""></span>
<span tkn=frcir id=framerelay path="FRCIR.tag"></span>
<span tkn=ipgen id=ipgen path="IPGen.tag"></span>
<span tkn=proconvert id=proconvert path="ProConvert.tag"></span>
<span tkn=merge id=merge path="Merge.tag"></span>
<span tkn=toolbox id=toolbox path=""></span>
<span tkn=ipfltr id=atmipfilter path=""></span>
<span tkn=dna323 id=dna323 path=""></span>
</div>

</BODY>
</HTML>
```

FIG. 3

```
<HTML>
<HEAD>
    <title>NAS Launcher</title>

</HEAD>
<frameset rows="0%,*">
<frame src="launcherFlags.htm" name="frame0"
scrolling="no"
frameborder="0"
noresize
>
<frame src="launcherMenu.htm" name="frame1"
frameborder="0"
noresize>
>
</frameset>
</HTML>
```

FIG. 4

```
<html>

<!-- TRANSLATABLE MATERIAL NEAR BOTTOM OF FILE -->
<!--   Search for "Translation" -->

<head>
<title>DominoNAS</title>
<style TYPE="text/css">

.clsMainMenu {font-family:"Arial"; font-size:12; font-weight:bold; line-height:14pt;
color:#003399; position:absolute;left:0; top:0; cursor:default; z-index:1;
visibility:hidden;}

.clsPopupMenu {font-family:"Arial"; font-size:11; font-weight:bold; line-height:11pt;
color:#000000; padding:-1px; padding-left:0px; position:absolute; overflow:visible;
left:0; top:0; clip:rect(0,0,0,0); cursor:hand;
z-index:99;}

.clsNotInstalled { font-family:"Arial"; font-size:11; font-weight:bold;
line-height:11pt; color:#999999; padding:-1px; padding-left:0px; position:absolute;
overflow:visible; left:0; top:0; clip:rect(0,0,0,0); cursor:default;
z-index:99;}

.clsDemoMode { font-family:"Helvetica"; font-size:20; font-weight:bold;
line-height:20pt; color:#003399; position:absolute; visibility:hidden; left:250;
top:103; cursor:default; z-index:99;}

.clsBullet {position:absolute; left:0; top:0; cursor:default; display:none;
z-index:98;}

.clsBulletHotspot { position:absolute; left:0; top:0; cursor:default; display:block;
z-index:99;}

.clsText { font-family:"Arial"; font-size:12; font-weight:normal; line-height:16pt;
color:#000000; background-color:#eeeeee; position:absolute; left:0; top:0;
padding-left:3; padding-right:3; clip:rect(0,0,0,0); cursor:default;
z-index:99;}

.clsWarningText {font-family:"Arial"; font-size:12; font-weight:normal;
line-height:16pt; color:#ff0000; background-color:#ffffff; position:absolute;
left:0; top:0; clip:rect(0,0,0,0); cursor:hand; z-index:99;}

</style>

<base target="main">
</head>

<body BGCOLOR="#FFFFFF" onLoad="display()">

<script language="ECMAScript">

// ===================================================================== //
// TRANSLATION:                                                          //
// Note to translator: you can increase or decrease this number to adjust //
// where the descriptive text appears on the right-hand side of the menu  //
// ===================================================================== //
var textOffset=152 // offset from col2left //
// ===================================================================== //
// ===================================================================== //

var helptxtid="initialize";
var helptxtobj="";
var bulletobj;
var oldmenu;
var launcherHelp="";
```

FIG. 5 - A

```
var submenu="initialize";
var submenuitem="initialize";
var collright=0; // this will be set later //
var leftmargin=12;
var leftBulletOffset=36;
var rightBulletOffset=52;
var bulletOffsetTop=10;
var logoOffset=-77;  // //
var logoTop=10;
var graphicWidth=145;
var col2Left=0;  // set later to collright+graphicWidth //
var bannerHeight=153;
var textTop=bannerHeight+150;
var notOffset=bannerHeight+25    // offset of "not installed" msg from banner //
var linehite=18;    // vertical distance between items in submenus //
var hotspotNum=1;

function display() {

//                           //
//   Main Menu               //
//                           //

// ======================================================================== //
// TRANSLATION:                                                             //
// ======================================================================== //
expert.innerText="Expert Analysis";
mentor.innerText="Mentor";
isdnpartner.innerText="ISDNpartner";
monitor.innerText="Monitor, Capture, Transmit";
atmapp.innerText="ATM Analysis Application";
dominocore.innerText="Domino Core";
frping.innerText="Frame Relay Ping";
linkview.innerText="LinkView Agent";
baseline.innerText="Performance";
framerelay.innerText="Frame Relay CIR";
ipgen.innerText="IPGen";
wizard.innerText="Wizard";
decode.innerText="Decode Protocols";
examine.innerText="Examine";
distributed.innerText="Remote Analysis";
console.innerText="LinkView Console";
pcanywhere.innerText="pcANYWHERE";
tools.innerText="Utilities";
proconvert.innerText="ProConvert";
ima.innerText="IMA Monitoring & Analysis";
merge.innerText="Merge";
toolbox.innerText="Network Tools";
atmipfilter.innerText="ATM IP Filtering";
dna323.innerText="VoIP";

   // if not IE 5, issue warning //
   if ( ieversion() < 5 ){
     alert( "DominoNAS requires Internet Explorer 5.0 or higher" );
     return;
   }
   // get the application paths from top, invisible frame //
   checkInstalled();
   //                           //
   // check if Demo Mode        //
   //                           //
   if (top.frames[0].whatMode.demoMode=="true"){demoMode.style.visibility="visible";}
   //                           //
   //                           //
   // build LEFT-SIDE of Menu   //
```

FIG. 5-B

```
//                                //
//                                //
// save length of longest LEFT-SIDE menu item //

var maxtext=0;
var leftItems, key;
leftItems = {"1":"expert","2":"monitor","3":"baseline"}
for (key in leftItems){menu=eval(leftItems{key});        menu.innerText="
"+menu.innerText+" "; thistext=parseInt(menu.scrollWidth);
    if (thistext>maxtext) {
        maxtext=thistext;
    }
    // loop thru subitems //
    maxsub=loopSubitems(menu);
    if (maxsub>maxtext) {
        maxtext=maxsub;
    }
}
collright=leftmargin+maxtext;

// build LEFT-SIDE of main menu //
// expert //
menu=eval(leftItems["1"]);
menu.style.top=bannerHeight+45;
// remote //
menu=eval(leftItems["2"]);
menu.style.top=bannerHeight+107;
// baseline //
menu=eval(leftItems["3"]);
menu.style.top=bannerHeight+235;
for (key in leftItems){
    menu=eval(leftItems[key]);
    menu.margin=collright;
    menu.style.left=menu.margin-menu.scrollWidth;
    menu.noWrap=true;
    menu.style.visibility="visible";

    // position bullet //
    leftPos=collright+leftBulletOffset;
    topPos=menu.offsetTop-bulletOffsetTop;
    locateBullet(menu, topPos, leftPos);
}
// initialize bulletobj to a bullet, it doesn't matter which one since it is hidden //
bulletobj=menu.bullet;

//                                //
// display LOGO                   //
//                                //

logo.style.left=collright+logoOffset;
logo.style.top=bannerHeight+logoTop;
logo.style.visibility="visible";

//                                //
// build RIGHT-SIDE of Menu   //
//                                //
//                                //

var rightItems, key;
rightItems = {"1":"decode","2":"distributed","3":"tools"}
// monitor //
menu=eval(rightItems["1"]);
menu.style.top=bannerHeight+59;
// decodes //
menu=eval(rightItems["2"]);
```

FIG. 5-C

```
    menu.style.top=bannerHeight+115;
    // utilities //
    menu=eval(rightItems["3"]);
    menu.style.top=bannerHeight+180;
    col2left=col1right+graphicWidth;
    for (key in rightItems){
        menu=eval(rightItems[key]);
        menu.style.left=col2left;
        menu.margin=col2left;
        menu.noWrap=true;
        menu.style.visibility="visible";
        // loop thru subitems //
        maxsub=loopSubitems(menu);
        // override the maxtext value, so that subitems in the right column line //
        // up with the left margin of that column. //
        submenu=eval(menu.submenu);
        submenu.maxtext=0;

        // save bullet location //
        leftPos=col2left-rightBulletOffset;
        topPos=menu.offsetTop-bulletOffsetTop-1;
        locateBullet(menu, topPos, leftPos);
    }

}

function checkInstalled(){
    apps=top.frames[0].installed.all.tags("span");
    for (j=0;j<apps.length;j++){
        menuitem=eval(apps[j].id);
        menuitem.path=apps[j].path;
    }
}

function locateBullet(menu, top, left) {
    hotspot=eval("bulletHotspot"+hotspotNum);
    hotspot.menu=menu;    // changed to current menuitem each time bullet is displayed
//
    hotspot.style.left=String(parseInt(left))+"px";
    hotspot.style.top=top;
    hotspotNum=hotspotNum+1;
    blt=eval("bullet");
    blt.menu=menu;    // changed to current menuitem each time bullet is displayed //
    menu.bulletLeft=String(parseInt(left))+"px";
    menu.bulletTop=top;
    menu.bullet=blt;
}

function loopSubitems(menu) {
    // calculate the longest text string in subitems //
    submenu=eval(menu.submenu);
    submenu.noWrap=true;
    subitems=submenu.all.tags("span");
    maxsub=0;
    for (j=0;j<subitems.length;j++){
        subitm=subitems[j];
        // if not installed, grey out //
        if (subitm.path=="") {
            subitm.className="clsNotInstalled";
        }
        subitm.innerHTML=" "+subitm.innerHTML+"<br>";
        thistext=parseInt(subitm.scrollWidth);
        // for col1 we need to back up by length of subitem      //
        // for col2 we don't back up at all, but start at col2left //
        if (col1right==0) {
```

FIG. 5-D

```
        subitm.adjust=thistext;
      }
      else {
        subitm.adjust=0;
      }
      if (thistext>maxsub) {
        maxsub=thistext;
      }
    }
    submenu.maxtext=maxsub;
    return maxsub;
}


function expand(menu) {
    // if same menu as before, don't need to expand, get out right away //
    // if new menu, remember it                                         //
    if (menu==oldmenu){
      return;
    }
    else {
      oldmenu=menu;
    }
    // undisplay any subtopics that might have been displayed //
    // and normalize any application name that was highlighted //
    submenu.style.display="none";
    if (submenuitem!="initialize"){    // get rid of conditional ??? //
        submenuitem.style.backgroundColor="";
        submenuitem.style.color="#000000";
    }
    //       //
    // hide old bullet, hilite new bullet, and save new bullet //
    bulletobj.style.display="none";
    blt=eval("bullet");
    blt.style.display="block";
    blt.menu=menu;    // changed to current menuitem each time bullet is displayed //
    blt.style.left=menu.bulletLeft;
    blt.style.top=menu.bulletTop;
    bulletobj=blt;
    //       //
    // expand submenu //
    // and remember last submenu displayed //
    //       //
    submenu=eval(menu.submenu);
    submenu.style.display="block";
    subitems=submenu.all.tags("span");
    for (j=0;j<subitems.length;j++){
      subitm=subitems[j];
      subitm.style.top=menu.offsetTop+(j+1)*linehite;
      subitm.style.left=menu.margin-subitm.adjust;
      subitm.style.display="block";
      subitm.style.clip="rect(0 100% 100% 0)";
    }

  // display help text //
  showText(menu);//
}


function hilite(e) {
  // hilite application names and display help text //
  // normalize old item
  if (submenuitem!="initialize"){    // get rid of conditional ??? //
      submenuitem.style.backgroundColor="";
      submenuitem.style.color="#000000";
  }
```

FIG. 5-E

```
    // hilite new item, unless changed to clsNotInstalled //
    if (e.className=="clsPopupMenu"){
      e.style.backgroundColor="003399";
      e.style.color="#ffffff";
      submenuitem=e;
    }
    // display help text //
    showText(e);//
}

function showText(e) {
  // always hide the "not installed" message //
  // then, if the current app is not installed, display message //
  notinstalled.innerText="";
  if (e.className=="clsNotInstalled"){
    notinstalled.style.left=col2left+textOffset;
    notinstalled.style.top=notOffset;
    notinstalled.style.fontWeight="bold";
    notinstalled.style.display="block";
    notinstalled.style.clip="rect(0 100% 100% 0)";
    notinstalled.style.cursor="default";
    if (e.id=="atmipfilter") {
      notinstalled.innerHTML=notatmipfilter.innerHTML;
    }
    else {
      notinstalled.innerText=e.innerText+" "+notinstalledtext.innerText;
    }
  }
  // now display text, and save it's id in helptxtid for future erasing //
  if (e.helpid != null) {
    // hide any previous text //
    hideText();
    helptxtid=e.helpid;
    helptxtobj=eval(helptxtid);
    helptxtobj.style.left=col2left+textOffset;
    helptxtobj.style.top=textTop;
    helptxtobj.style.display="block";
    helptxtobj.style.clip="rect(0 100% 100% 0)";
  }
}

function hideText() {
  // erase previous text //
  helptxtobj=eval(helptxtid);
  eval(helptxtid+".style.clip='rect(0 0 0 0)';");  // simplify this ???//
}

function showOrHideText() {
  if (top.frames[0].showText.doWeShowText!="true"){
    hideText();
  }
}

function link(e) {
  if (e.path != ""){
      document.location.href=e.path;
  }
}

function ieversion()
// Return Microsoft Internet Explorer (major) version number, or 0 for others. //
// This function works by finding the "MSIE " string and extracting the version number//
// following the space, up to the decimal point for the minor version, which is
ignored.//
{
```

FIG. 5-F

```
      var ua = window.navigator.userAgent;
      var msie = ua.indexOf ( "MSIE " );
      if ( msie > 0 ){         // is Microsoft Internet Explorer; return version number //
         return parseInt ( ua.substring ( msie+5, ua.indexOf ( ".", msie ) ) )
       }
      else {
         return 0;    // is other browser  //
      }
}

</script>

<span>
<TABLE width="100%" align="center" valign="TOP">
<TR>
   <TD align="left" valign="bottom">
<a href="http://www.wwgsolutions.com/products/dominonas/nasuser.html">
<IMG align="bottom" alt="" border="0"  width="231" height="52"
src="images/DominoNAS.jpg">
</a>
   </TD>
   <TD><a href="http://www.wwgsolutions.com"><IMG id=wave align="right" alt="" border="0"
height="123" width="231"
       src="images/wave.jpg"></a>
   </TD>
</TR>
<TR>
   <TD height="10" colspan="2" align="left" bgcolor="#cc9900">
   </TD>
   <TD>
   </TD>
</TR>
</TABLE>
</span>

<!--                       -->
<!-- Expert analysis -->
<!--          .            -->

<div id="expert" class="clsMainMenu"
onMouseOver="expand(this)" submenu="expertPopup" >
</div>

<!--side menu-->

<div ID="expertPopup">
<span id="mentor" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_MENTOR">
</span>

<span id="isdnpartner" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_ISDNPARTNER">
</span>

</div>

<!--                       -->
<!-- Monitor/Capture -->
<!--                       -->

<div id="monitor" class="clsMainMenu"
onmouseover="expand(this)" submenu="monitorPopup"
>
```

FIG. 5-G

```
</div>

<!--side menu-->

<div ID="monitorPopup">
<span id="atmapp" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_ATM">
</span>

<span id="dominocore" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_CORE">
</span>

<span id="frping" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_FR_PING">
</span>

<span id="linkview" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_LINKVIEW">
</span>

<span id="dna323" path="" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_DNA323">
</span>

</div>

<!--                          -->
<!-- Performance (aka Baselining) -->
<!--                          -->

<div id="baseline" class="clsMainMenu"
onMouseOver="expand(this)" submenu="detailedPopup" >
</div>

<!--side menu-->

<div ID="detailedPopup">
<span id="framerelay" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_FR_CIR">
</span>
<span id="ipgen" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_IPGEN">
</span>
<span id="wizard" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_WIZARD">
</span>
</div>

<!--                -->
<!--                -->
<!-- Right column   -->
<!--                -->
<!--                -->

<!--                    -->
<!-- Distributed analysis -->
```

FIG. 5-H

```
<!--                      -->

<div id="distributed" class="clsMainMenu"
onMouseOver="expand(this)" submenu="distributedPopup" >
</div>


<!--side menu-->

<div ID="distributedPopup">
<span id="console" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_LINKVIEW_CONSOLE">
</span>
<span id="pcanywhere" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_PCANYWHERE">
</span>
</div>


<!--                      -->
<!-- Protocol decode -->
<!--                      -->

<div id="decode" class="clsMainMenu"
onMouseOver="expand(this)" submenu="decodePopup" >
</div>

<!--side menu-->

<div ID="decodePopup">
<span id="examine" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_EXAMINE">
</span>
</div>



<!--          -->
<!-- Tools -->
<!--          -->

<div id="tools" class="clsMainMenu"
onMouseOver="expand(this)" submenu="toolsPopup" >
</div>

<!--side menu-->

<div ID="toolsPopup">

<span id="atmipfilter" path="" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_ATMIPFILTER">
</span>

<span id="ima" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_IMA">
</span>

<span id="merge" path="" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_MERGE">
</span>

<span id="toolbox" path="" path="" onClick="link(this)" class="clsPopupMenu"
```

FIG. 5-I

```
onmouseover="hilite(this)"
helpid="IDH_TOOLBOX">
</span>

<span id="proconvert" path="" onClick="link(this)" class="clsPopupMenu"
onmouseover="hilite(this)"
helpid="IDH_PROCONVERT">
</span>

</div>

<span id=notinstalled class="clsWarningText">
</span>

<!-- end of menu -->
<!-- end of menu -->
<!-- end of menu -->
<!-- end of menu -->
<!-- end of menu -->
<!-- end of menu -->
<!-- end of menu -->


<div id="initialize" class="clsText">
<!-- this is here to have a guaranteed id    -->
<!-- so that the hideText() function doesn't -->
<!-- bomb the first time through  -->
</div>

<img id=bullet class="clsBullet" src="images/bullet_on.jpg"</img>

<img id=bulletHotspot1 class="clsBulletHotspot"
onmouseover="expand(this.menu)" src="images/bulletHotspot.gif"
</img>
<img id=bulletHotspot2 class="clsBulletHotspot"
onmouseover="expand(this.menu)" src="images/bulletHotspot.gif"
</img>
<img id=bulletHotspot3 class="clsBulletHotspot"
onmouseover="expand(this.menu)" src="images/bulletHotspot.gif"
</img>
<img id=bulletHotspot4 class="clsBulletHotspot"
onmouseover="expand(this.menu)" src="images/bulletHotspot.gif"
</img>
<img id=bulletHotspot5 class="clsBulletHotspot"
onmouseover="expand(this.menu)" src="images/bulletHotspot.gif"
</img>
<img id=bulletHotspot6 class="clsBulletHotspot"
onmouseover="expand(this.menu)" src="images/bulletHotspot.gif"
</img>


<img id=logo style="z-index:-1; position:absolute; visibility:hidden;
height:276; width:213"
src="images/domino.jpg"</img>
```

[HELP TEXT FOR TRANSLATION GOES HERE]

```
</body>
</html>
```

FIG. 5-J

```
<!-- DON'T TOUCH ANYTHING ABOVE THIS LINE -->
<!-- ALL THE TRANSLATABLE MATERIAL IS BELOW THIS LINE -->
<!-- You can use any HTML tags (except SPAN) within the text -->

<!--   start of help text for translation -->
<!--   start of help text for translation -->
<!--   start of help text for translation -->
<!--   start of help text for translation -->
<!--   start of help text for translation -->
<!--   start of help text for translation -->


<!-- Note: The application name is automatically inserted at the beginning of this line,
-->
<!-- automatically followed by a space, -->
<!-- followed by the following text -->
<span id=notinstalledtext class="clsNotInstalled">
is not installed.
</span>




<!-- Note: ATM IP Filtering has its own "not installed" message -->
<!-- which is as follows -->
<span id=notatmipfilter class="clsNotInstalled">
ATM IP Filtering is not installed.
<p>
You can install it by selecting "Install ATM IP Filtering" on the
CD browser that appears when you insert the DominoNAS CD.
</span>


<!-- NAS is running in "Demo Mode" -->
<span id=demoMode class="clsDemoMode">
Customer Evaluation
</span>


<!--Mentor-->

<span id="IDH_MENTOR" class="clsText">
Mentor analyzes network traffic, identifies problem areas,
and suggests steps to resolve the problems.
<p>
Mentor can analyze traffic captured in a variety of file formats. Real-time
analysis can be performed when Mentor is installed on a DominoWAN,
DominoLAN, or DominoFE analyzer.
</span>


<!--ISDNPartner-->

<span id="IDH_ISDNPARTNER" class="clsText">
ISDNpartner performs expert ISDN analysis in real-time and on capture files.
</span>


<!--LinkView-->

<span id="IDH_LINKVIEW" class="clsText">
LinkView Agent performs full network analysis, including traffic capture and
protocol decoding, across a standard Ethernet or Token Ring interface card--no
separate analyzer is required.
<p>
For superior performance and Ethernet collision detection, specialized NIC cards
are available from WWG.
```

FIG. 6 - A

```
</span>


<!--DominoCore-->

<span id="IDH_CORE" class="clsText">
Domino Core software works with Domino analyzers to monitor, capture, and transmit
network traffic on Token Ring, 10/100/1000 Ethernet, WAN, and FDDI circuits.
<br></span>


<!--ATM Analysis Application-->

<span id="IDH_ATM" class="clsText">
The ATM Analysis Application works with DominoATM analyzers to monitor, capture,
and transmit ATM traffic, and to provide complete QoS measurement.
</span>


<!--Frame Relay Ping-->

<span id="IDH_FR_PING" class="clsText">
The Frame Relay Ping application enables DominoWAN and DominoHSSI analyzers
to generate IP ping packets encapsulated in Frame Relay.
<p>
Multiple IP addresses and DLCIs can be configured as ping targets.
This application is part of the Frame Relay Suite that is available with DominoNAS
Advanced.
</span>


<!--Wizard-->

<span id="IDH_WIZARD" class="clsText">
The Wizard application is the most detailed baselining application available
in the industry. Wizard provides extensive reporting capabilities to present the
comprehensive baseline data that the system collects.
<p>
For effective network planning and trending, you can generate customized reports that
demonstrate trends in utilization, protocol distribution, station activity, and more.
Wizard is available with DominoNAS Advanced.
</span>


<!--Frame Relay CIR-->

<span id="IDH_FR_CIR" class="clsText">
Frame Relay CIR is a software package designed to monitor Frame Relay circuits.
<p>Information is displayed in graphs and tables showing the utilization of each DLCI as
well as FECN, BECN and DE frames.
This application is part of the Frame Relay Suite that is available with DominoNAS
Advanced.
</span>


<!--LinkView Console-->

<span id="IDH_LINKVIEW_CONSOLE" class="clsText">
LinkView Console enables you to analyze and capture traffic on remote LAN segments.
It controls LinkView Agents that you can install on Windows PCs on segments around
your network.
<p>
Three agents are included with DominoNAS, and more can be purchased from WWG if needed.
</span>
```

FIG. 6-B

```
<!--pcANYWHERE-->

<span id="IDH_PCANYWHERE" class="clsText">
Use pcANYWHERE for remote control of Domino analyzers with the Domino Server.
<p>Each Domino Server can control up to 8 Domino analyzers of any type. It also supports
matrix switches to connect a single analyzer to multiple segments.
</span>


<!--Examine-->

<span id="IDH_EXAMINE" class="clsText">
Examine decodes over 400 protocols in detail and identifies more than 900 protocols.
<p>
Network frames are displayed in coordinated summary, detail, and hex displays.
Multiple filter options make it easy for you to focus on specific criteria.
</span>


<!--ProConvert-->

<span id="IDH_PROCONVERT" class="clsText">
ProConvert takes files captured by non-WWG analyzers and converts them to WWG format.
You can then use DominoNAS to work with the converted files.
<p>
Support is included for files captured with Microsoft NT Netmon and Sun Snoop,
as well as files captured with other protocol analyzers.
</span>

<!--IMA-->

<span id="IDH_IMA" class="clsText">
The IMA Monitoring & Analysis application captures traffic on several
Inverse Multiplexing for ATM (IMA) links between devices. It then merges
the captured data into one file for analysis.
This application is available with DominoNAS Advanced.
</span>


<!--IPGen-->

<span id="IDH_IPGEN" class="clsText">
IPGen turns your PC's NIC into an IP traffic load generator.
You can define a variety of transmit parameters and then execute them
sequentially to test the effect of traffic loading on the network.
</span>


<!--Merge-->

<span id="IDH_MERGE" class="clsText">
Merge enables you to use multiple Domino analyzers for simultaneous capture of each link
on an EtherChannel backbone.
Merge can combine the multiple capture files into a single file
while retaining the original time relationship of the frames.
</span>


<!--Network Tools-->

<span id="IDH_TOOLBOX" class="clsText">
Network Tools include Ping, Trace Route, Lookup, WhoIs, Finger, WhoAmI, ISP Lookup, and
Domain Finder.
</span>
```

FIG. 6-C

```
<!--ATM IP Filtering-->

<span id="IDH_ATMIPFILTER" class="clsText">
The ATM IP Filtering Application provides frame-level filtering of ATM traffic
based on protocol-layer addresses (MAC, IP, IPX). The results are saved in a file that
contains
filtered, reassembled frames.
</span>



<!--DNA-323-->

<span id="IDH_DNA323" class="clsText">
The DNA-323 application provides comprehensive monitoring, capturing, and
troubleshooting
capabilities for voice-over-packet networks.
</span>

<!--  end of help text for translation -->
<!--  end of help text for translation -->
<!--  end of help text for translation -->
<!--  end of help text for translation -->
<!--  end of help text for translation -->
<!--  end of help text for translation -->
<!--  end of help text for translation -->
```
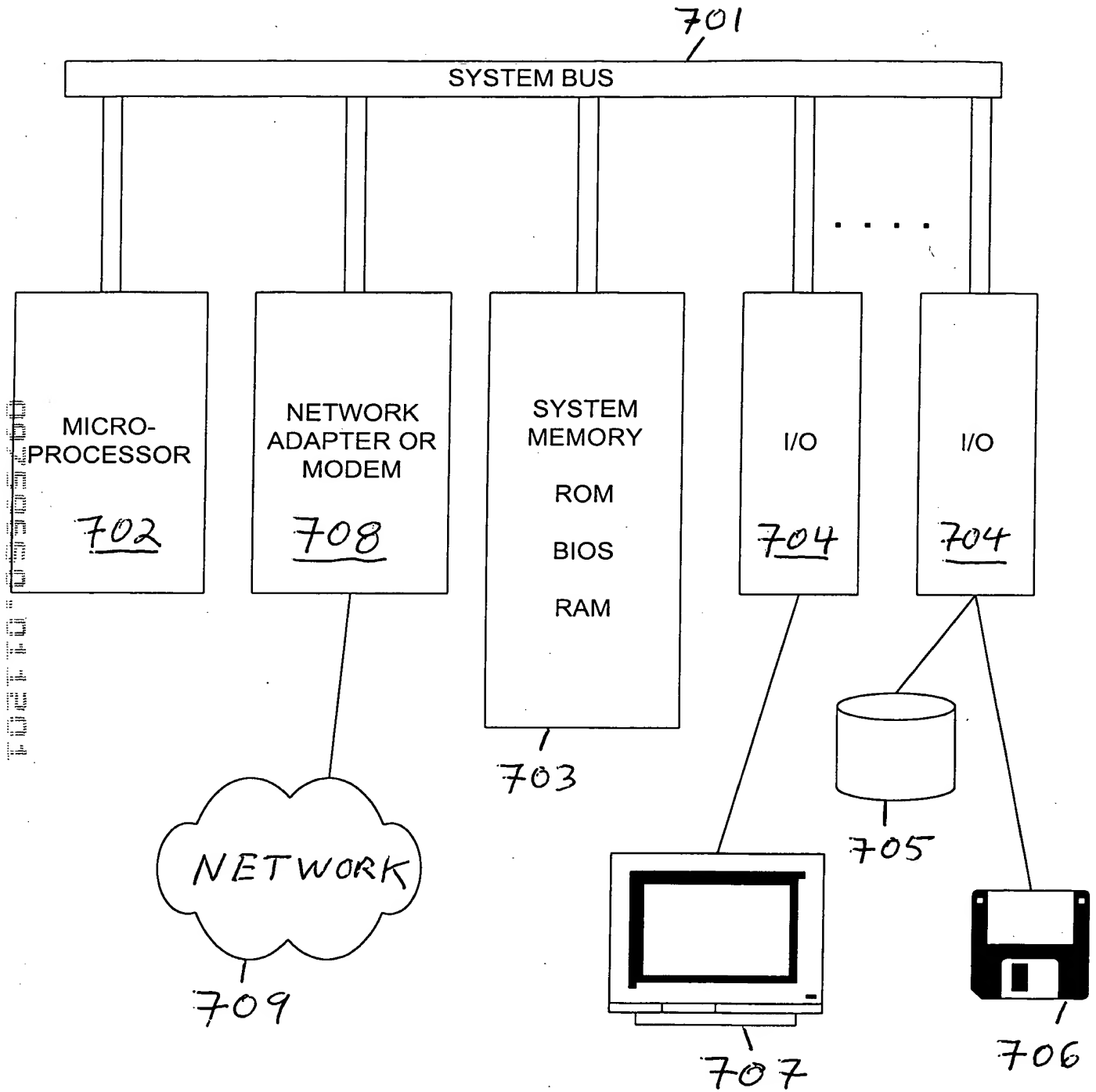
FIG. 6-D

701

SYSTEM BUS

| MICRO-PROCESSOR | NETWORK ADAPTER OR MODEM | SYSTEM MEMORY ROM BIOS RAM | I/O | I/O |

702

708

703

704

704

NETWORK

709

705

707

706

FIG. 7